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1930

Duckham's DELPHINIUMS

and other
RARE
HARDY
PLANTS

also HARDY ROSES



GOLD MEDAL
NEW YORK
1927

William C. Duckham
MADISON, N. J.

Chapman's Diphtheritis

and who
LARGE
LARGE
LARGE

Also HAWK ROSE



William C. Chapman
LARGE ROSE

RECEIVED
MAR 18 1930



Duckham's Delphiniums in Famous Gardens



MANY of my friends have been kind enough to send me, from time to time, written expressions of appreciation of the wonderful merits of my Delphiniums. Many photographs have reached me from various parts of the country, and I reprint a few of them here (very much reduced of course), but space will not permit me to give the names of the senders, or other particulars.

Read the Complete Delphinium Story—Pages 15 to 20



NEW year—a new catalogue goes to press to acquaint the great American flower-loving public with the progressive strides that I have made in the propagation and distribution of my now famous strains of Herbaceous Perennial Plants and Roses.

It is with modest pride that I look back upon the records of the past year. My "Inimitable" Hybrid Delphiniums have again won new friends and new and greater honors all over the country. The New York Horticultural Society awarded them a gold medal at their mid-summer show, thus duplicating, in a very appropriate manner, their opinion of them, formed a few years back. (See pp. 15 to 20.)

Rock and Alpine Plants have gained such popularity during the past decade that I am prompted to include a concise list, with some collections of the most dependable varieties. I feel assured that these will find many friends among those who have formerly bought other plants from me.

My list of Roses has again been revised to include some of the newest gems from both Europe and America. A concise list such as mine should make selections easy, as practically all colors known to Roses are included in my list.

WILLIAM C. DUCKHAM

Madison New Jersey

19



30

Complete contents
Copyrighted

William C. Duckham, 1930

Choice Hardy Perennials

FROM IMPORTED STOCKS

IT HAS been my privilege and great good fortune to secure the exclusive American distribution of a few extra choice types of Hardy Flowers, from some of my European friends.

Delphiniums of course are my specialty. (See pp. 15 to 19.)

Some remarkably fine Aquilegias (Columbines) have come into my possession, and I venture to say that nothing heretofore offered can compare with the exquisitely odd colors found among these hybrids, all of which are the true English, long spurred types with huge flowers.

My hybrid Gaillardias offered further on, should command your special attention. These are very large with petals of great substance, closely set and brilliantly pigmented with red and brown,—a remarkable contrast with the golden yellow tips.

Again I offer some choice Perennial Lupines (Polyphylus). These have been warmly acclaimed by the English Hort. Soc. and suitably granted awards in recognition of their superb size and extraordinary colors.

All the other Hardy Plants in my list are of high standard, secured from sources of National repute—and the liberal field clumps which I send out will undoubtedly give immediate and prolific flower production to the general satisfaction of the buyer.



GOLD MEDAL

A special award from New York Hort. Soc. International Show, Spring 1927 and numerous awards elsewhere.

NOVELTIES and SPECIALITIES

AQUILEGIA

New English Improved Long-spurred

With their odd shapes and delightful shadings, Aquilegias (Columbines) are among the best of all Hardy Garden Plants. They thrive in almost any



New Long-Spurred Aquilegias

location, but prefer a partial shady and moist position. The kinds offered in this strain are perhaps the best and most beautiful in existence, having very long spurs and most charming delicate colors, including Pink, Blue and Lavender, Red, Cream and White, that are decidedly new and interesting.

Price, each 50c; 3 for \$1.25; per dozen \$4.50.

ASTER

(New Hardy Michaelmas Daisies)

BARR'S PINK. A lovely light mallow pink with stiff petals and a brilliant golden center, growing from 3 to 4 feet high. Well branched and the flowers are admirably spaced. The individual flowers are 2½ in. in diameter, coming into bloom about the middle of September, and add a mass of glowing pink to the Fall garden. Price, each \$1.00.

BRITISH QUEEN. A soft lavender blue, semi-double, unusually large open flowers with pale yellow center. A vigorous growing well branched plant that comes into bloom early in September. Height about 4 feet. Excellent for cutting and decorations. Price, each \$1.00.

Great Neck, Long Island, March 18, 1929.

"Am sending an order for a few plants I would like to have and I hope these plants will all be as nice as those you sent me last year. My roses were just beautiful."

DUCKHAMS NOVELTIES AND SPECIALTIES—Cont'd*New Aster, Barr's Pink (see page 2)***GAILLARDIA**

DUCKHAM'S NEW HYBRIDS (Blanket Flower). The Gaillardias are among the most successful of hardy perennials and give a most striking effect when planted in bold groups or in a bed by themselves. They are equally effective, however, in mixed borders. They seem to thrive in the most extreme drought and the greater scarcity of other flowers the more the utility of this hardy perennial is demonstrated. They will bloom perpetually from June to November. Each 50c; 3 for \$1.25; doz. \$4.50.

PYRETHRUM

(Painted or Persian Daisy)

DUCKHAM'S NEW HYBRIDS. For profusion of flowers in season nothing can surpass the charming variety of the Pyrethrums. They are easily and simply cultivated and are recommended to all who possess an old-fashioned garden, whether large or small. They are perfectly hardy, are not injured by storm or sun. The flowers are bright and showy in the garden and are borne on long stiff stems which make them most desirable for vase decoration. The mixed varieties I offer are especially rich in the charming pink shades. 2 to 3 ft. May-September. Each 40c; per doz. \$3.75.

NEW GYPSOPHILA

BRISTOL FAIRY. Bristol Fairy has all the virtues of the well-known Double Baby's Breath (*Gypsophila paniculata flore-pleno*) but it is superior in these respects: Its flowers are almost three times larger, are pure snow-white under all conditions, and being more widely spaced, are better poised and more graceful in every way. Strong field-grown plants \$1.50 each; \$15 per doz. Extra-heavy plants, \$2 each; \$20 per doz.

LUPINUS POLYPHYLLUS

(Hardy Lupine)

A New Range of Colors

These are certainly among the most striking of hardy perennials, and bloom continuously and profusely during the summer.

I believe that those who love this valuable flower will be delighted with the new shades that are included in my hybrids. The spikes, too, are much larger than found in ordinary *Lupinus Polyphyllus*. 3 to 4 ft. June-Sept.

Mixed Hybrids: Price, each 75c; 3 for \$2.00; dozen \$7.50.

*New Hybrid Pyrethrums*

"This will acknowledge receipt of my order. Wish to state that they arrived in good condition."

New York, N. Y., April 27, 1929.



Duckham's Delphiniums in a famous garden. Note comparative height of man and flower spikes (for description and prices see pp. 15 to 20).

GENERAL LIST OF HARDY PLANTS

Varieties marked with a star (★) are suitable for Rock Gardens; most of them can also be used for bordering walks, driveways, or as edgings to beds and borders of other Herbaceous Plants.

ACONITUM Fischeri (Monkshood). A very attractive, erect, hardy perennial, with odd-shaped blue and white flowers in autumn. Not unlike the Delphiniums in general effect, but of course not nearly so large. Particularly good in shady borders. Price, each 40c; dozen \$4.00.

ACONITUM Napellus (Bicolor). This is one of the tallest and finest of the Aconites, and a fine subject to group among the rear plants in the border. Grows 4 feet high with huge spikes of blue and white flowers. June to August. Price, each 40c; dozen \$4.00.

ACHILLEA Ptarmica "The Pearl" (Millfoil or Yarrow). Indispensable in every border both for their graceful appearance and usefulness for indoor decoration. Flowers are pure white and literally smother

the foliage in their great profusion. 2 ft. June-September. Price, each 35c; dozen \$3.50.

ALYSSUM (Madwort). Pretty little plants for beds, vases, baskets, edgings, or rockwork, blooming profusely like a sheet of gold. Useful also for winter flowering in pots. Very sweetly scented. 1 ft. May, June. Price, each 25c; dozen \$2.50.

ALLWOODI (Everblooming Hardy Pinks). This new race of the Dianthus family flowers perpetually during the entire spring, summer and autumn. No plant is hardier or of easier cultivation, and their free-flowering qualities have rendered them exceedingly popular. They range through many shades of light, medium and dark pink and crimson, and all are deliciously fragrant. Mixed, 35c each; \$3.50 per doz.

Mount Holly, N. J., April 13, 1929.
"The Delphinium plants I ordered came today in good shape and are now planted. They were fine plants and I will be glad to send your check covering them on receipt of bill."

ANCHUSA Italica, Dropmore Variety.

A large spreading bushy plant, requiring plenty of room to develop its great beauty. This variety is a great acquisition and improvement on the old type and of extremely vigorous constitution. Its flowers are of deepest blue, borne in immense sprays. 4 to 5 ft. May-July. Price, each 30c; 3 for 65c.

ANTHEMIS Tinctoria. Better known as the hardy Marguerite. Thrives in almost any soil without much attention. Deep golden yellow, daisy-like flowers; ideal for decorative purposes. 1½ to 2 ft. June to September. Price, each 35c; 3 for 80c; dozen \$3.00.

*Anthemis*

ARABIS Alpina (Rock Cress). An excellent dwarf plant for rockwork, borders or carpeting where massed color effect is desired, covered during its blossoming season with myriads of snow-white flowers. 6 in.; Mar.-June. Price, each 25c; 3 for 65c; dozen \$2.50.

★**AUBRIETIA, New Hybrids (Rainbow Cress).** Aubrietias have long been acknowledged as indispensable in the Rock Garden, both for their early glory of color and afterward for their tumbling masses of foliage when well established. 2 to 4 inches. Each 35c; dozen \$3.75.

*Boltonia***ASTERS, Hardy. (Michaelmas Daisies)**

The many species, widely distinct from each other in habit and form, are with a few exceptions, all native of North America. It is in Europe, however, that our Asters have been most highly appreciated. Many improvements have been made by European growers, and many hybrid forms have been produced by crossing the different species. 2 to 3 ft. September-October. (For New Hardy Asters, See Page 2.) Three shades: Pink, Blue or White; each 50c; 3 for \$1.25; doz. \$4.50.

BOLTONIA Latisquama. Flowers resemble large white daisies or single asters and are borne in great profusion. 4 to 6 ft. July to October. Price, each 45c; 3 for \$1.00; doz. \$3.50.

★**BELLIS perennis.** (Hardy English Daisy.) An ideal plant for borders, but most effective when massed as a carpeting or edging. 4 to 8 in. April to June.

Monstrosa. A monster variety—the largest of all with flowers 1½ inches in diameter, of deep rose-pink shade.

Tubulosa. New and distinct. Double white flowers of a peculiar quilled formation. Any of the above, 25c each; 65c for 3; \$2.50 per doz.

Monmouth, Ill., 1929.

"The Delphiniums were fine and I got a glimpse of what they will be like from small spikes. Some day I want more."



The Graceful "Butterfly Bush" (Buddleia)

BUDDLEIA Variabilis Veitchiana.

(Summer Lilac or Butterfly Bush.) In mild climates this is really a hardy shrub, but it may also be classed as herbaceous. Each Spring it throws out vigorous growths that develop all Summer to terminate in August and September in tapering spikes of a beautiful lavender-mauve shade. Give it plenty of room, for in itself it is a perfect model of exquisite form and color. If it does not die to the ground in Winter, cut it back hard each Spring. 3-5 ft. August to October. Price, Strong roots, each 75c; 3 for \$1.50.

CAMPANULA. A very important class of plants, varying in height from 6 inches to 6 feet, all of extreme beauty and easy cultivation.

★**Carpatica.** (True Harebell.) 9 in. July. Dwarf spikes of blue flowers, Excellent for edgings and massing. 35 cts. each; \$3.75 per dozen.

★**Garganica.** Is the gem of the dwarf harebells, creeping close to the ground and smothering itself profusely with blue stars in June. 2 to 4 inches. Each 50c; dozen \$5.00.

CAMPANULA—Cont'd

Medium. (Canterbury Bells.) 2 ft. June, July. Old-fashioned, well-known, yet indispensable in every hardy plant border. Offered in: Double Rose, Single Blue, Deep Violet, Double Blue. Price, 65c for 3; \$2.50 per dozen.

Persicifolia. (Peach-leaved Campanula.) 2 to 3 ft. June and July. Broad, single, purple, bell-shaped flowers arranged along a tall flower-spike. One of the most desirable border plants. 3 for \$1.00; dozen \$3.00.

Persicifolia Alba, white. Each 35c; dozen \$3.00.

Pyramidalis. (Chimney Bellflower.) 5 to 6 ft. August, September. Throws up huge stems, covered three-quarters of their length with blue flowers. 40c each; \$1.00 for 3.

Pyramidalis Alba. Pure white flowers. 40c each; \$1.00 for 3.

★**CHRYSANTHEMUM Maximum** (Hardy Daisy).

King Edward VII. Pure white, one of the largest and best. Flowers of fine form. It thrives almost anywhere, and provides continuously, during its season, quantities of blooms for indoor decoration. 2 to 3 ft. June to August. Each, 35c; dozen \$3.50.

Bridgeport, Conn., Oct. 1, 1929.
 "I enclose herewith check for plants, which arrived Saturday noon in good condition. They sure look healthy and hope they will make as good a showing as you are able to produce."

COREOPSIS (Tickseed). One of the most popular hardy plants. The flowers are a rich golden yellow of a beautiful, graceful form and bloom from June to October. 2 ft.

Grandiflora. Large orange-yellow flowers on long, graceful stems. About the best yellow cutflower blooming incessantly. 2 ft. Price, each 25c; 3 for 65c; dozen \$2.50.

DELPHINIUM. See pp. 15 to 20.

★**DIANTHUS alpinus** (Alpine Pink). One thinks of alpenes in terms of vivid colors and clinging loveliness, and this most glorious of all alpine pinks justifies the thoughts. From May to July there is nothing more delicately spectacular than the pink suns, toothed at the edge, spread out upon the rich masses of shiny green leaves. 2 to 4 in. At home in a rocky crevice, though not too particular. Price, 50c each; \$5.00 dozen.

★**Beatrix.** A new and beautiful hybrid, having double soft pink flowers. Blooms from June until October. Each \$1.00; 3 for \$2.75.

★**Deltoides** (Maiden pink). Dwarf. Beautiful pink flowers, fine for edging.

★**Lord Lyon.** New hardy crimson pink. This variety is brilliant crimson, the first of this color in the true hardy Pinks. It grows about a foot high and produces masses of its richly colored, clove-scented flowers in May and June.

★**Neglectus.** All of the above, but a different quality of pink in the flowers. Foliage glaucous green. 3 to 4 inches. May and June, and at intervals throughout the season. Large plants, each 75c; doz. \$7.50.

★**Plumarius Hybrids.** The old-fashioned Clove scented Pinks. Colors from white to deep rose with beautiful fringed petals. Very fragrant. 1 ft. June. Price, Any of the above except where noted, each 25c; 3 for 65c; doz. \$2.50.

DICENTRA Spectabilis (Dielytra, Bleeding Heart). A very popular old-fashioned hardy border plant with beautiful foliage and long, drooping sprays of pretty pink, heart-shaped blooms. 1½ ft. May, June. 80 cts. each; \$8.00 per doz.



Dianthus Plumarius

DIGITALIS (Foxglove). The tall flower-spikes of the foxglove are particularly handsome when grown among shrubbery or naturalized in odd places in bold masses. 3 to 4 ft. July-August.

Spotted Varieties, Alba (White), Gloxiniaeflora and The Shirley. Each 35c; dozen \$3.50.

★**ERINUS alpinus.** Clumps of glabrous green leaves with dainty 2 inch spikes of glowing pink flowers. Blooming at intervals throughout the summer, from April on. Each 35c; dozen \$3.75.

★**GEUM** (Avens). A very desirable class for borders or Rock Garden. The flower spikes stand boldly over the rather prostrate, deep green foliage. 12 to 18 in. June-September.

Mrs. Bradshaw. Brilliant double orange-scarlet flowers; blooms fully throughout the summer, being especially desirable for cutting both for its attractive color and lasting qualities. Each 35c; 3 for 85c.

Lady Stratheden. New, fine double yellow of same type as Mrs. Bradshaw. Each 35c; dozen \$3.50.

Orange Queen. A brilliant orange-scarlet. Each 35c; dozen \$3.50.

New York, N. Y., May 10, 1929.

"Many thanks for the delphiniums which arrived some time ago. They are coming along fine."

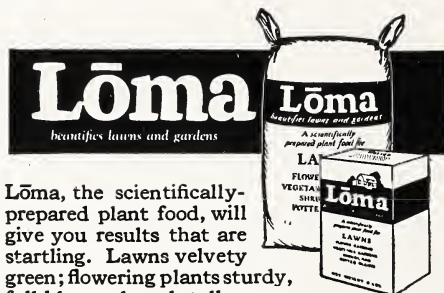
GYPSOPHILA *Paniculata* (Baby's Breath). A very valuable perennial because of its light, graceful form and the charm it adds to mixed bouquets of other flowers. The blooms are small, borne in great quantities in loose white panicles. Will grow and thrive in almost any soil. 2 to 3 ft. July-August. Price, each 35c; doz. \$3.75.

HELENIUM (Sneezewort). Showy autumn flowers of great value for garden display in bold masses, and effective when cut. 3 to 4 ft. August, September.

Riverton Beauty. Long stemmed, brownish crimson flowers; a very popular Autumn flower.

Riverton Gem. A great profusion of bronzy-orange flowers. Either of the above, each 40c; 3 for \$1.00.

★**HELIANTHEMUM** *macranthum*. The Rock Roses offer such a beautiful range of color in the soft pastel shades, this one of creamy loveliness, suspended like delicate wild roses on the tips of prostrate shrubby branches. Foliage distinctly shrubby in character; habit luxuriant. Its season of bloom is spring. 6 inches. Price, 35c each; dozen \$3.75.



Lōma, the scientifically-prepared plant food, will give you results that are startling. Lawns velvety green; flowering plants sturdy, full-bloomed and tall,

Lōma is highly beneficial to Delphiniums. Used as a top dressing when flowers are maturing, it increases size and strength of stem.

5-lb. carton, enough for	
10 ft. x 10 ft.....	\$.60
10-lb. bag, enough for	
10 ft. x 20 ft.....	1.00
25-lb. bag, enough for	
20 ft. x 25 ft.....	2.00
50-lb. bag, enough for	
25 ft. x 40 ft.....	3.50
100-lb. bag, enough for	
40 ft. x 50 ft.....	6.00



How Can One Resist a Garden of Irises Like This (See page 9).

Worcester, Mass., April 22, 1929.

"I am very much pleased with the plants of 'Duckham's Delphiniums' which you sent me."



See my collections of Plants for Rock Gardens on page 14.

HELIANTHUS decapetalus multiflorus.

The flowers of this Hardy Sunflower are deep golden yellow and very attractive. 6 to 8 ft. June to Sept. 35 cts. each; 85 cts. for 3.

HOLLYHOCK (Althea Rosea).

One of the best known of all hardy plants and a necessity in every old fashioned garden, where a place in the background should be assigned to it either in solid lines or frequent groups. My strain is indeed very wonderful, the flowers being extremely large, double and unique in color. 6 to 8 ft. July-September.

Duckham's Improved Strain in following colors:

All Double: Rich Crimson, Bright Rose, White, Scarlet and Salmon Rose. Each 35c; doz. \$3.75.

★**HYPERICUM repens** (St. John's Wort). Another welcome guest of mid summer with large 2 inch golden blossoms with a perfect puff of yellow stamens. Completely prostrate little shrub with coppery stems and fine green foliage. Price, each 50c; dozen \$5.00.

IRISES (Fleur-de-Lis). Irises are to be found even in the humblest garden, often without a sole companion. All are lovely and everybody loves them. They are easily grown and increase very rapidly. The colors cover almost every imaginable shade from white to violet, and the markings and veinings in the petals are truly exquisite. They like a well drained soil and plenty of sunlight, and when massed on the edge of the border or near the brinks of ponds or streams the effect is remarkable. I offer them in 5 separate shades assorted from the better named varieties.

Light Blue and Lavender, Deep Blue and Violet, Bronze shades, Yellow shades, White and light shades. Price, 3 for 65c; dozen, \$2.50; 100, \$15.00.

★**cristata.** So completely dwarf is this little iris, native of our Carolinas, that it resembled some quaint little orchid of delicate lavender. At home in full sun, or semi shade, as an accent point near a pool. 6 inches. May-June. Each 35c; dozen \$3.75.

Mitchell, Ind., Sept. 23, 1929.
 "I wish to advise you that the lovely delphinium plants sent to me arrived in excellent condition."

*Papaver Orientale*

LYCHNIS Chalcedonica. (Jerusalem Cross.) This is a very desirable perennial to plant in liberal masses. Because of its extreme brilliancy, there are few other flowers that can so effectively produce those bright spots in a border, that contrast so wonderfully with blues, whites and dark reds. It has a long flowering period and is ideal for cutting. The flowers are fiery scarlet, borne in immense clusters, each flower forming a distinct Maltese cross. Excellent for massing in borders and beds. 2 to 3 ft. June to August.

Chalcedonica alba. A white form of the preceding.

Either of above, 35c each; \$3.75 per dozen.

***MAZUS rugosus.** One of the best carpeters. Quick growing mosaics of green studded at intervals with flat lavender glove-shaped flowers, spotted warm in the throat. Spring blooming, but lovely until after frost. 35c each; dozen \$3.75.

***MYOSOTIS** (Forget-me-not).

Alpestris, Royal Blue. The dainty Forget-me-not loves a cool moist soil, and like the pansy, blooms most freely in early spring, and quickly establishes itself by self-seeding. Royal Blue is a rich deep blue of remarkable free-flowering habit. 6 to 12 in. May. Price, each 25c; 3 for 65c; doz. \$2.50.

OENOTHERA Fraseri. (Evening Primrose.) This is a hardy perennial border plant of value, which grows to about 18 inches in height, and gives an abundance of beautiful yellow flowers. Price, each 35c; dozen \$3.50.

***LINARIA alpina.** An exciting wee snapdragon in purple with an orange blotch in the throat, on trailing flax-like stems of blue green. 2 to 4 inches. Continuous-blooming. Price, each 35c; dozen \$3.75.

***NIEREMBERGIA rivularis.** Large cream cups snuggled against sturdy clumps of green. One of the loveliest of summer and fall blooming alpines. 2 to 3 inches. Price, each 35c; dozen \$3.75.

***PAPAVER alpinum** (Alpine Poppy). Medallions of grey lace from which emerge on six inch stems the most exquisite of poppies in a rich range of pastel colors. May to September. Each 35c; dozen \$3.75.

Oriente (Oriental Poppy). The old oriental poppy is a well-known favorite and has no equal for brilliancy of color. Each 75c; 3 for \$2.00; doz. \$7.50.

Nudicaule (Iceland Poppy). A beautiful class of hardy Poppies, bearing cup-shaped flowers, ranging in color from pure white to yellow and orange-scarlet, on long stems. 1 foot. May-Aug.

Tangerine Red, each 35c; doz. \$3.50

Sunbeam Mixed, each 25c; doz. \$2.50.

Pauling, N. Y., Sept. 7, 1929.

"My order of delphiniums and columbines reached me two days ago. The plants are so beautiful and were in such perfect condition in spite of the terrific heat that I felt I must tell you of my appreciation."

PANSY (Heartsease). My strain of Pansies is well known, for I have taken no end of pains to develop it by careful "rogueing" each year, to eliminate everything that does not conform to my idea of Pansy perfection both in form, size and color. Visitors at my trial grounds proclaim it the best they have seen. 6 in. April-October.

- Large Light Blue
- " Purple
- " Bright Blue
- " "Fire King"
- " Yellow-Golden Bedding
- " Dark Blue

Any of above, 100 \$10.00; doz. \$1.50

PENTSTEMON, *barbatus* "Coral Gem."

A fine border plant with orange-scarlet flowers. Blooms all summer. July. Each 35c; doz. \$3.50.

PHLOX (Perennial Phlox). Perennial

Phlox succeed in almost any soil enriched with manure in Spring, and in hot weather an occasional soaking of water. If the first spikes of bloom are removed as soon as over, they will produce a second supply of flowers, continuing the display until late in Autumn. These later blooms are often finer than the first.

Decussata. Tall, large flowering. Thor. Deep Salmon Pink.

Mia Ruys. White.

Elizabeth Campbell. Pink.

Jules Sandeau. Pink.

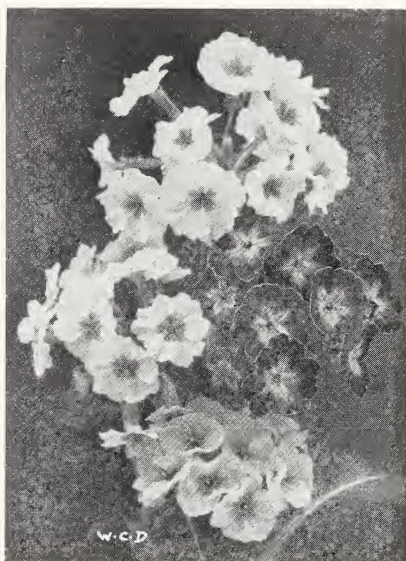
Miss Lingard. White.

Dozen, \$3.50

***PHLOX amoena**. Among the choice dwarf phloxes, this is one of the most reasonable and lovely. Cushions of sturdy green leaves, not unlike a *Dianthus*, with delicate heads of cerise flowers. Early spring and again in the fall. Each 35c; doz. \$3.75.

***Divaricata Laphami**. A delightful variety of the well-known Wild Blue Phlox, with flowers of richer blue, produced over a long season. Delightful either in border or rockery. Price, each 50c; doz. \$5.00.

Suffruticosa Miss Lingard. A charming snowy white variety, bearing immense heads of bloom earlier than the *Decussata* sorts. Invalu-



Primula (Polyanthus)

able for an edging to the tall delphiniums and looks handsome in front of an evergreen border. 2 to 3 ft. June-July. Price, each 35c; doz. \$3.50.

PHYSALIS Francheti (Chinese Lantern). Bears enormous orange-scarlet fruits enclosed in balloon-shaped bag, valuable for Winter decoration. 2 ft. May-June. Each 35c; doz. \$3.50.

***PRIMULA auricula**. One cannot say too much for this treasure of the alpine primroses. Rosettes of simple leaves with heads of large sweet-scented flowers in the richest of colors, golden yellow, warm purples and maroon. Given a fibrous loam with good drainage there is no lovelier sight in spring. 6 in. Each 50c; doz. \$5.00.

***Polyanthus, Gold-laced** (Primrose). Forms a beautiful rosette of large leaves, and bears clusters of ruffled flowers of fine form and rich colors, all laced handsomely with gold. 6 to 8 in. May-June. Each 25c; doz. \$2.50.

Williamsport, Pa., Oct. 10, 1929.

"I just cut a perfectly wonderful spike of Delphinium from one of the plants I had from you last fall."



Duckham's New Scabiosa

RUDBECKIA Purpurea (Cone Flower).

Also called *Echinacea Purpurea*. Peculiar reddish purple flowers with a very large brown, cone-shaped center. Thrives in ordinary garden soil. 3 ft. July-Oct. Price, each 35c; 3 for 85c; doz. \$3.50.

SALVIA Azurea. This beautiful *Salvia* is worthy of a prominent position in every herbaceous border. Although it is of tender constitution, it will withstand the severe winters prevalent in the Eastern States, Color, a delightful shade of pale blue. 3 ft. July-Oct. Each 40c; doz. \$3.75.

pitcheri. Large, deep blue flowers. 3 to 4 ft. Aug.-Sept. Each 40c; doz. \$3.75.

SCABIOSA (Blue Bonnet, Pincushion Flower). **Duckham's New Hybrids.** A decided improvement on the old *Scabiosa* both in form and color, all lavender and blue, somewhat of the shade of that extremely popular annual *Didiscus coerulea* (Blue lace flower); all those who are familiar with the latter will surely want my new *Scabiosa*. The assort-

ment also contains a liberal proportion of rich blue and white shades. 3 ft. June-Sept. Price, each 75c; 3 for \$2.00; per dozen, \$7.50.

★**SEDUM album** (Stone crop). In the long line of stonecrops there are many different types. These are, among the dwarf types, outstanding for their interesting foliage effects. *S. album* adds to its delightful carpeting, an abundance of snowy white flowers in mid season. 1 to 2 inches. Each 35c; doz. \$3.75.

★**Anglicum.** Again a carpeter of the first water, like grey green coral isles until long into the winter. Flowers a delicate pink in June. Each 35c; doz. \$3.75.

★**Lydium.** Closely related in form to *S. anglicum* but somewhat more upright and more verdant is this little evergreen gem. 2 to 4 inches. Each 35c; doz. \$3.75.

★**Ibericum.** This is of the flat-leaved group, a close growing stonecrop with large heads of deep rose colored flowers from mid-summer on. 3 to 6 inches. Each 35c; doz. \$3.75.

Spectabile. A very valuable hardy plant and deserves liberal planting along the edges of Hardy Borders. It has thick succulent green leaves surmounted by huge flowering heads of thickly-clustered minute pink flowers. 18 in. Aug.-Oct. Each 35c; doz. \$3.75.

STATICE Latifolia. (Sea Lavender.) Plants with prostrate leathery leaves and immense candelabra-like heads. Very valuable either for the border or rockery. Minute purplish blue flowers in large sprays frequently 2 feet across. If cut and dried, lasts in perfect condition for months. 18 in. July-Aug. Each 35c; 3 for 85c.

Huron, Ohio, Sept. 23, 1929

"The *Delphiniums* that you sent me arrived Saturday. They were in fine shape and I hope next year to have some fine blooms."

SWEET WILLIAM (*Dianthus barbatus*). An old-fashioned hardy perennial which should not be left out of the list of beautifully colored, sweet-scented, old-fashioned flowers. **Scarlet Beauty**—Brilliant Scarlet; **Holborn Glory**—Red; **Pink Beauty**—Pink.

Price, Any of the above, each 30c; 3 for 65c; doz. \$2.50.

★**THYMUS serpyllum Coccineus**. (Creeping Thyme.) There is real romance to the pungent fragrance of the creeping thymes. A carpet supreme, made for perfumed walks with its dense smooth leaved foliage and its quantities of rich pink flowers. 1 inch. Mid-summer to late fall, but constant throughout the winter for its evergreen foliage. Each 35c; doz. \$3.75.

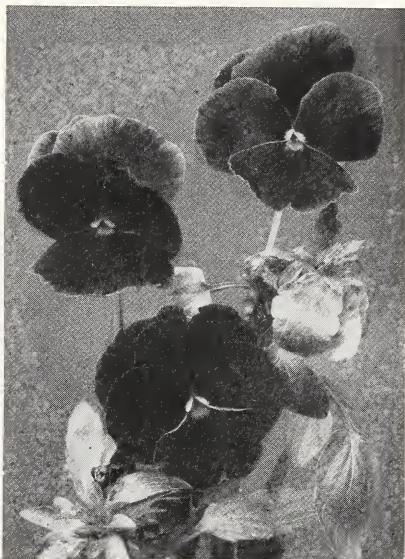
★**Lanuginosus**. A woolly thyme, as lovely as its companion *S. serpyllum*. The leaves are densely clothed in a delicate wool, giving the plants a silver sheen. 1 inch. Each 35c; doz. \$3.75.

★**VERONICA Repens**. To the one who discovers the dwarf Veronicas for the first time, there is a real treat in store. There is no more compact blanket than this little Veronica makes, studding itself with myriads of light blue flowers in early spring until June-July. And following this it spreads in rich green sensitive amplitude. 1 inch. Each 35c; 3 for \$1.00; doz. \$3.75.

★**Spicata**. An elegant border plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July. Each 35c; doz. \$3.50.

subsessilis. One of the most attractive of all blue flowering plants. Flowers intense deep blue borne on stout, erect stems. 2 to 2½ ft. July. Each 35c; doz. \$3.50.

★**Teucrium, "Royal Blue."** More of a ramper than Repens with heavier spikes of flowers, 6 to 10 inches in height, and masses of fine green leaves. More shrubby in character and quick to fill a space. Spring and summer blooming. Each 35c, doz. \$3.75.



Hardy Viola (Tufted Pansy)

★**VIOLA (Tufted or Bedding Pansies).**

These splendid little hardy plants are much prized for their quaint little flowers, peculiarly striped, each self-color having a delightful charm of its own. They increase rapidly, and soon form large colonies covered with their dainty blooms.

★—**Cornuta, "Lord Nelson."** Masses of deep purple blossoms.

★—**Cornuta, Lavender.**

★—**Cornuta, Deep Violet.**

★—**Cornuta, Blue Perfection.**

★—**Cornuta, Jersey Gem.** A specially selected beautiful violet-blue variety which blooms unceasingly all season. A rare and choice sort. Price, each 35c; doz. \$3.75.

★—**Cornuta, Bronze Shades.** Here we have a true cornuta type in the beloved Viola, with a most unusual range of colors from deep maroon through to the smoky golds. Continuous bloomer with a real credit mark for its complete dependability. Each 35c; doz. \$3.75.

Price, any of above Violas, except where noted, 35c each; 6 for \$2.00; \$3.50 per dozen.

Duckham's Rock Plant Collections

FOUR CHOICE SEDUMS

Sedum dasyphyllum
 " anacampseros
 " obtusatum
 " Nevii
 (3 each—\$3.25)

FOUR CHOICE VERONICAS

Veronica filiformis
 " rupestris
 " Lyalli
 " peduncularis
 (3 each—\$3.25)

FOUR CHOICE VIOLAS

Viola Jersey Gem
 " Apricot Queen
 " Bronze Shades
 " Papilio
 (3 each—\$3.25)

FOUR CHOICE DWARF IRIS

Iris cristata
 " verna
 " pumila cyanea
 " pumila excelsa
 (3 each—\$3.25)

FOUR CAMPANULAS

Campanula garganica
 " carpathica
 " ovatica
 " rotundifolia
 (3 each—\$3.25)

FOUR ALPINE DIANTHUS

Dianthus arenarius
 " caesiuss
 " deltoides (Major
 Sternes var.)
 " Kamtschaticus
 (3 each—\$3.25)

FOUR VARIETIES OF ALPINE PLANTS FOR WALL GARDEN

Arenaria montana
 Aubrietia purpurea
 Nierembergia rivularis
 Dianthus deltoides Major
 Sternes
 (3 each (12 plants)—\$3.25)

FOUR CARPETING PLANTS

Thymus serpyllum coccineus
 " lanuginosus
 " serpyllum album
 Mazus rugosus
 (3 each (12 plants)—\$3.25)

FOUR ROCK PLANTS WITH ROSE PINK OR RED FLOWERS

Aubrietia Leichtlini
 Arabis rosea
 Erinus alpinus
 Helianthemum Mrs. Earle
 (3 each (12 plants)—\$3.25)

FOUR ROCK PLANTS WITH YELLOW AND ORANGE FLOWERS

Alyssum serpyllifolium
 Hypericum repens
 Trollius Europaeus
 Viola lutea splendens
 (3 each (12 plants)—\$3.25)

FOUR ROCK PLANTS WITH WHITE FLOWERS

Anemone sylvestris
 Arabis alpina nana compacta
 Cerastium tomentosum
 Sedum album
 (3 each (12 plants)—\$3.25)

FOUR ROCK PLANTS WITH PURPLE, BLUE AND LAVENDER FLOWERS

Aquilegia alpina
 Calamintha alpina
 Myosotis palustris semper-
 florens
 Veronica Teucrium Royal
 Blue
 (3 each (12 plants)—\$3.25)

ROCK PLANTS FOR PARTIAL SHADE

Anemone sylvestris
 Arenaria balearica
 " caespitosa
 Aquilegia alpina
 Erinus alpinus
 Iris cristata
 " verna
 " pumila cyanea
 Linaria aquitriloba
 Linum austriacum
 Nierembergia rivularis
 Nepeta mussini
 Papaver alpinum
 " nudicaule "Coonara
 Pink"
 Phlox amoena
 " subulata rosea
 Primula Munstead variety
 " auricula
 " Japonica
 " Veitchii
 Saxifraga decipiens hyb.
 " Megasea hyb.
 Veronica filiformis
 Viola bosniaca
 (3 of each variety
 (72 plants)—\$20.00)

COMPLETE ROCK GARDEN SELECTIONS

	Price
24 varieties, our selection, 3 of each (total 72 plants).....	\$18.00
24 varieties, our selection, 6 of each (total 144 plants).....	38.00
25 varieties, our selection, 12 of each (total 300 plants).....	75.00

DUCKHAM'S READY-MADE PERENNIAL BORDER FOR \$15.

Because of their infinite variety and the great variation in the usefulness and season of blooming, many otherwise competent gardeners and flower-lovers are bewildered when they come to select the proper perennials for their garden.

To enable them to obtain the best effects, as well as to relieve very busy people from the task of making selections, I will make up a group of 50 Hardy Perennials of the finest types, in lots of 5 of each kind, enough for an adequate representation of each variety and to make a splendid little garden.

From such a charming little garden as this can be cut splendid flowers for house or table decoration from June until late autumn, and the best of it is that it will require very little attention aside from occasional cultivation and weeding. The plants will increase in size and strength each year and may eventually be divided and so extend the supply.

These 50 plants, 5 of each kind, all properly labeled, so that the descriptions of them may be located in this catalogue, will be sent for..... \$15.

New Types

of amazing size and infinitely more
beautiful colors are presented in

Duckham's Delphiniums

The latest productions in Giant Delphiniums from my famous Madison Gardens (to use the terms applied by many experts who saw them in bloom last summer) are "amazing"—"bewildering" — "phenomenal." Such exclamations are no mere "word gestures." The same expressions come to me in letters from all over the States from those who have bought my Delphiniums. The original English strains imported by me have been acclimated and improved by expert cultivation and hybridizing. Their size,



*Here is a Particularly
Fine Spike of My
"Wrexham Type"*

vigor and uncommon colors are inbred by me in a thoroughbred stock, kept pure by careful "rogueing." The highest awards that Horticultural judges can give, have been heaped upon them at leading shows in recent years, including gold medals at New York Show, America's greatest flower show. No Hardy Flower Border is complete without them. A few of these beautiful spikes are reproduced in natural colors on the next three pages, accompanied by the story of "Duckham's Delphiniums."



*Special Medal from
Westchester Hort. Soc. 1927*



*Gold Medal
New York 1929*

Pearisburg, Va., May 7, 1929.

"I have received the Delphiniums and certainly thank you for these fine plants."

GLORIOUS DELPHINIUMS



It is eight years since I first introduced these treasures of English Origin to the American gardening public. It was at the great New York Spring Flower Show of 1923, when a few specially forced plants for the occasion, first drew the attention and admiration of a great flower-loving throng, causing them to gasp in joyous amazement at the wonderful coloring and fine formation of the flowers.

(Continued on next page)

The color plates on this and following pages are actual colored photographic reproductions of my own flowers, without retouching or exaggeration.

GLORIOUS DELPHINIUMS



It was the first time that anyone had attempted to force Hybrid Delphiniums (Larkspurs) into bloom for show purposes (March 18th or 20th), but it afforded me the only opportunity of demonstrating to the patrons of this greatest of all American Flower Shows, the unusual merits of these hybrids, and though they do not attain their maximum height
(Continued on next page)

Howard Beach, L. I., Oct. 10, 1929.
"Just received the plants. They are beautifully strong, healthy plants."

GLORIOUS DELPHINIUMS



and vigor when forced in this manner, everyone who saw them unanimously agreed that nothing so beautiful and wonderful had ever been their good fortune to behold, a verdict which was appropriately backed up by the Horticultural Committee in awarding them a Special Gold Medal, a compliment which they repeated last year, 1929.

Since that occasion, my Delphiniums have secured noteworthy recog-

(Continued on next page)

Locust Valley, L. I., Oct. 3, 1929.
"The delphiniums you sent were wonderful plants and are doing nicely."

GLORIOUS DELPHINIUMS

nition from judges at shows all over the country, while professional gardeners, landscape architects and critical amateurs, being quick to grasp their true worth, immediately replaced their old types with

"DUCKHAM STRAINS." In every state in the Union, my Delphiniums now form conspicuous colonies in the gardens of estates famed for their beauty.

It is possible that those who bought from me in these early years could duplicate their orders now, yet not receive one that is identical with any of those—my first releases. I am continuously in touch with my original English sources, importing seed saved from their latest selections, and consequently the strains I am now distributing show many novel shades and forms that are decided improvements.

The spikes are of huge proportions, standing five and six feet high on "walking cane" stems.

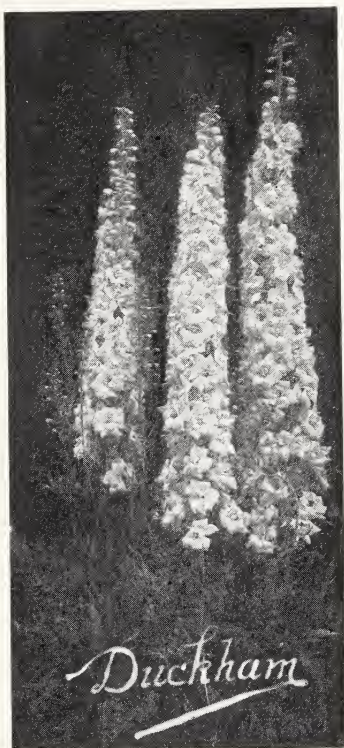
Some of these are broad at the base, tapering to a fine point. Others are columnar, like five or six hyacinth spikes joined end to end. Again some spikes are compact, with the individual florets touching and overlapping, while others have a more open formation, so graceful in the estimation of connoisseurs.

The flowers are quite double in some spikes, showing distinctly two rows of petals—others are semi-double, while there are quite a number of the single-flowered sorts also, exhibiting special individual charms.

The colors cover the complete range from deepest Indigo Blue and Violet to the faintest Lavenders, Mauves and Peach-cheek hues, almost bordering on true pink. And the flowers are not confined to one or two shades. We find deep blue with white and a brown "bee" (center of flower); violet purple, purple and light blue with black "bee"; lavender, pink, light blue and yellow "bee" and a host of other four-tone effects, all in the one flower.

Such combinations are unusual; it is such combinations that have made my Delphiniums famous—unusually famous,—it is such combinations that have pronounced them **"Wonders of the Wily Ways of Wizards"** in plant hybridization.

Although these Hybrids comprise many new types and delicate colors, all are extremely hardy, and well-established clumps in the border provide, year after year, wonderful spikes of majestic size and great beauty. They are also very desirable for cutting for indoor decoration, lending a delightful tone to mixed flower gatherings, harmonizing extremely well with yellow and orange colored flowers, particularly the deeper blues, violets and purples.



Three huge spikes (of the typical tapering Wrexham strain) on one plant.



Award from Newport, R. I. Hort. Soc. 1928

(Continued on next page)

"The Delphiniums ordered November 11th came.

Jacksonville, Fla., Dec. 11, 1929. All seemed in good condition."



One of my Hardy Borders in the center aisle, N. Y. International Spring Flower Show. Delphiniums were the chief feature, but the delighted patrons of the show, marvelled at the excellence of the entire stock, forced into bloom for this great occasion. This exhibit was unanimously awarded a special Gold Medal.

Prices of Duckham's Un-named MIXED DELPHINIUMS

REGULAR GRADE. This covers the entire color range from Mauve and Lavender to deep Blue and Violet.

Price, per dozen, \$11.00; per 100, \$85.00.

SELECTED TYPES AND COLORS

Where personal selection is made by a customer in my fields during the Summer, I charge according to the merit of each plant selected. For those who cannot visit my grounds, but who desire some of these extra choice types, I have already put aside some of these and offer them as:

SUPER-HYBRIDS

Price, Each \$2.50; \$5.00 and \$7.50 and up

All the above are field grown clumps, thoroughly acclimated, hardy and will bloom profusely this year.

DUCKHAM'S
INIMITABLE MIXED
DELPHINIUM SEED
Saved Only from Choicest Varieties
(Cultural Directions Enclosed
with Each Order)
PER PKT. \$2.00

PREVENT DELPHINIUM BLIGHT

The following mixture is very effective.
1 teaspoonful of Black Leaf 40 to one gallon
of soap water (any kind of soap water will
do—its action is only a "spreader"). Spray
frequently and thoroughly with above.

*Little Switzerland, N. C., Oct. 17, 1929.
"Enclosed find snapshot taken June 14th. These two spikes of light blue and mauve measured twenty-five inches long and about four inches in diameter and were admired by hundreds of tourists, in fact my whole garden of perennials planted from your stock last October was the admiration of all who have seen it."*

Hardy Ever-blooming GARDEN ROSES



A Well Planned Rose Garden—Plenty of Bloom by Massed Planting of a Limited Number of Varieties

Special Offer of Best Twelve Hardy Garden Roses

(For descriptions see body of catalog)

To give Rose lovers an opportunity of having the finest roses in their gardens, I have selected the following as what I consider the 12 finest Roses in America today. All hardy, ever-blooming 2-year field-grown stock, grafted on the famous **Multiflora Briar**.

Betty
General McArthur
White Killarney
Claudius Pernet
Los Angeles
Mrs. Henry Bowles

Mme. Caroline Testout
Mrs. Aaron Ward
Radiance
Red Radiance
Duchess of Wellington
Mme. Ed. Herriot

Price The above twelve fine Roses, carefully labeled and packed sent *prepaid* within 200 miles of Madison, N. J., for

\$10

Tarrytown, N. Y., April 5, 1929.

"Thank you for the rose bushes received. They look like nice bushes and came just in time to plant before we had a shower."

SELECTED EVERBLOOMING ROSES

ABBREVIATIONS: T., Tea; HT., Hybrid Tea; H.P., Hybrid Perpetual.

"My Field Rose Plants" are American-grown, well ripened, 2-year-old bushes, worked on the Multiflora stock, known for its thorough hardiness and its ravenous feeding propensities, whereby it produces vigorous well-branched bushes and enormous flowers.

New and Recent Introductions

Novelties: These are sold at the each rate, in any quantity ordered.

EDITH NELLIE PERKINS (Alex. Dickson & Sons, 1928). A new combination of colors, cream and blush as a bud, when the guard petals open they disclose a perfect pointed flower of rich carmine pink. The inside of petals is flesh with a golden suffusion, running to pure gold at the base; a very striking bloom. The flowers come singly on long canes on a very vigorous plant. Spicy fragrance. **Each \$1.50.**

JULES TALBART (Barbier & Co.). Flower, silvery salmon rose, center coppery coral red, very large full, long bud of salmon china rose color. Growth vigorous. **Each \$1.50.**

LADY MARGARET STEWART. A Rose of unique color; the flowers in the young stage are a deep sunflower yellow heavily veined, splashed with orange-scarlet, reverse of the petals deeply suffused with carmine; as the flowers develop these colors intermingle, forming a beautiful cadmium orange effect. The bud is long and pointed, opening to a full double flower, of pleasing decorative form of delightfully sweet scent. **Each \$1.50.**

MAY WETTERN (Alex. Dickson & Sons, 1928). A magnificently formed bud and flower of moderate fullness and artistic coloring. The

flowers are composed of immense, deep, wide petals of very solid texture, their formation making a beautifully built long bud and high pointed flower, in which the inner face of the petals evolves from a bright salmon pink in the bud to deep flesh pink, then to bright pink in the more developed flower; the outer side passes from deep rose to rosy pink and finally to bright rose; the blending of these tones creating a wonderful color harmony, very free and sweet scented. Gold Medal English Rose Society. **Each \$1.50.**

MARION CRAN (McGredy, 1927). The color combination is wonderful. In the young stage the color is deep buttercup-yellow, margined and flushed cerise and rosy-scarlet. As the flower opens the outside of the petals retain their color, while the inner side opens a brilliant geranium scarlet flushed and veined orange and yellow; as the flowers age the color changes to a deep cerise on bright rosy-scarlet flushed buttercup-yellow. The whole flower glows and has a wonderful sheen. The flowers are full, of nice form, and medium to fairly large in size. The habit is bushy, free, and upright; one of the freest and most perpetual flowering garden and bedding Roses. **Each \$1.50.**

Flushing, L. I., April 10, 1929.

"The roses I received as per order looked so good and healthy I thought it might be best to order another dozen."

NEW AND RECENT INTRODUCTIONS—Continued

NEVROUW G. A. VAN ROSSERN.

One of the outstanding novelties with unique color or rather a combination of colors. It is a dark orange or apricot color with background of golden yellow, and upon opening retains a most delicate hue of golden salmon and light orange. The reverse side of petals is a deep bronze color. **Each \$2.50.**

PRESIDENT HOOVER (L. B. Coddington, 1930).

A glorious Rose, wonderfully free in the easy manner in which it grows and charming in its color arrangement, which is a splendid combination of cerise-pink, flame, scarlet and yellow. This combination of colors gives the most dazzling color effect imaginable. The buds are beautifully pointed, the flowers large, composed of broad, thick, heavy petals, with an exquisite fragrance. It is exceptionally free flowering and everyone will be delighted with its habit of growth. Awarded the Gold Medal at the International Flower Show in New York, 1929. **Each \$2.50.**

TALISMAN (Montgomery Co., 1929).

The Rose which created a sensation in all shows during 1928 and 1929 and which was awarded more Gold Medals than any other American Rose yet introduced, including the President Coolidge Medal in 1928. It is a most remarkable piece of



New Rose, President Hoover

coloring; a combination of shadings of gold, apricot, yellow, deep pink and old rose. The bud is long, well formed and develops into full, double flowers. The plant is a strong grower, with glossy green foliage and free flowering, and the past season has demonstrated its value as a bedding Rose. **Each \$2.00.**

GENERAL LIST OF

Everblooming Roses

PRICES: All Roses in the following list, unless otherwise noted, are \$1.00 each; \$10.00 a dozen; \$75.00 per hundred.

BETTY. HT. I think this Rose has the loveliest buds of any variety I have ever seen. They are long, tapering, with exquisitely curled petals, tinted with soft shades of pinkish buff and copper. The open flower is very large and fluffy, almost creamy white, sprinkled over with a sheen of pale gold.

DOUBLE WHITE KILLARNEY. HT.

I like this Rose for its slender, symmetrical buds and its delicately folded and curled snowy white flowers. One of the very good white Roses, because it blooms well and is not too tall. It has all the beauties of the famous Killarney race, with the added attraction of a most desirable and rare color.

"The roses ordered by me last month have been received, and I am well pleased with general appearances of the bushes."

Rockaway, N. J., April 9, 1929.

EVERBLOOMING ROSES—Continued

*Henry Ford*

DAME EDITH HELEN. HT. Perfect buds developing into wonderful flowers of immense size, produced singly on well-foliaged strong canes freely throughout the season. The flowers are composed of very substantial broad petals which curl back prettily, forming a glorious long-pointed bud and a full double flower which is beautiful in every stage of development. Color, a brilliant yet soft Rose du Barri pink; strongly sweet-scented. Each \$1.50.

DUCHESS OF WELLINGTON. HT.

For a long time I regarded this as the best yellow Rose in the world. First place must now be given to Souvenir de Claudius Pernet, but the old Duchess still has prettier buds and larger flowers. It grows well, too, after it is once established, and is far too valuable to discard for many years.

ETOILE DE HOLLANDE. HT. Brilliant red blooms of magnificent size, perfect in half-open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. Plants branching, particularly free-flowering and healthy. A splendid Rose with no serious faults. Color holds remarkably well, becoming lighter instead of "blueing." Toward fall, the flowers are larger, fuller, and darker red. Easily the most dependable and easy-growing red Rose with anything like good form. Each \$1.50.

GENERAL MacARTHUR. HT. Bright crimson buds, developing into moderately large, bright crimson-scarlet flowers; of fine form and delightful fragrance. An upright grower, branched, and produces its flowers freely through summer and fall. Its color is more brilliant and lasting in a cool situation and as summer wanes. Fine for cutting.

H. V. MACHIN. HT. A sturdy, stocky bush, with flowers borne on the top of rigid stems in the manner of the best Hybrid Perpetuals. The blooms are large, well formed, and glowing scarlet-red.

HENRY FORD. HT. Medium-sized buds and flowers of very lasting yellow, edged in the early stages with salmon-orange, becoming lemon-yellow as they open. They are slightly fragrant and borne in sprays and clusters of great decorative value. The plant is bushy and rather tall, blooming constantly in great abundance. Each \$1.50; dozen \$16.50.

JULIEN POTIN (Golden Pernet). HT.

This is one of Mr. Pernet's latest achievements, which will probably become better known as "The Golden Pernet." It is unquestionably the most gorgeous and brilliant yellow

New York, N. Y., April 25, 1929.

"The rose plants were sent as a gift to one of my clients who advise that they arrived in first-class condition and appear to be excellent plants."

HARDY EVERBLOOMING ROSES—Continued

Rose yet introduced, a rich golden yellow that grows richer and deeper as the flowers mature. The buds are long and shapely, and develop into large, full flowers of beautiful form; delightfully sweet-scented. Each \$1.50.

LADY ASHTOWN. HT. Not just another pink Rose, but decidedly a pink Rose with a great deal of character. The petals are definitely reflexed and pointed and the center rises in the way of the best exhibition bloom. With its handsome flowers, good growth, and excellent blooming qualities, it stands high in the ranks of dependable Roses.

LOS ANGELES. HT. Color, form and fragrance are the notable virtues of this Rose. It has a flaming golden pink tint unequaled by any other, and an exquisite shape and perfume that are difficult to match.

MME. CAROLINE TESTOUT. HT. Clear, glistening, satiny-rose, lighter towards the edges. A strong grower and perant golden suffusion in the high-pointed center, giving a distinct coppery red effect. Strong, bushy, and healthy, with good stems and a most unusual color.

MME. EDOUARD HERRIOT. HT. Few flowers of any kind can equal the gorgeous color of this Rose. The buds are burning red and copper, and the open flowers brilliant orange-pink, with an immense golden center. Of the Roses in this new color, few have ever approached this variety in dependability and beauty of flower. I think it is one of the very best of its type.

MISS LOLITA ARMOUR. HT. If you can imagine a combination of copper and cream, with only the slightest trace of yellow, the tints of this Rose may be realized. The flowers are very double, globular and nod on the tips of long, slender stems.



Lady Ashtown

MRS. AARON WARD. HT. Everybody likes this little flower, which nestles on such a vigorous little bush. The buds are golden buff and fawn, opening to very double flowers of palest pink and white, suffused with yellow and cream. The foliage is like holly.

MRS. A. R. BARRACLOUGH. A most distinct and valuable Rose, of a bright but soft sparkling carmine-pink of even tone that passes to yellow at the base of the petals; this attractive color does not fade as the flower ages, but, if anything, becomes richer and brighter. The bud is long, pointed, and develops into a full double flower of model form and substance; very fragrant. Each \$1.50.

Pittstown, Pa., May 18, 1929.

"The plants are looking fine and I have hopes that they will become established sturdily."

HARDY EVERBLOOMING ROSES—Continued

MRS. F. R. PIERSON. HT. A crimson Rose, "flooded with sunshine." As a commercial or garden red Rose, Mrs. F. R. Pierson has never been equalled. It can be grown to larger size than American Beauty, even at its best. It has an equally large flower, better color, with fine, heavy dark foliage, strong stems, and very fragrant.

MRS. HENRY BOWLES. One of the best bedding varieties grown, always in flower and perfect in every stage of development. In color it is of an intense brilliant pink, with lighter salmon pink shadings. A model Rose in every way.

RADIANCE. HT. Of all Roses, probably this is the most popular in the country. The flowers are round and cuplike, sometimes with a sort of balloon center, and of bright, shining pink contrasted with a lighter, silvery sheen. The plant is very strong and blooms with the utmost freedom.



Radiance



Souv. de Claudius Pernet

RED RADIANCE. HT. A sort very familiar to Radiance in all respects except its splendid, light red color. The two belong together in big masses where they will furnish bright color and good flowers for cutting all summer long.

REV. F. PAGE-ROBERTS. HT. A magnificent Rose which has created a sensation everywhere. The flowers are gigantic, glowing golden yellow, with a coppery red sheen spread over the outside of the petals, giving them an indescribably rich and sumptuous effect. Each \$1.50.

SOUVENIR DE CLAUDIUS PERNET. A splendid variety, with exquisite golden yellow buds and fine open flowers. The foliage is healthy, and it blooms very freely. A bed of it is a splendid sight. Each \$1.50. \$16.50 per dozen.

VILLE DE PARIS (City of Paris). A very distinct rich buttercup yellow, without a trace of any other color, retaining its richness under all weather conditions.

STANDARDS OR "TREE ROSES"

The beautiful Standard Roses are made by budding the ordinary dwarf Roses on tall Rose-stems 3 feet or more above the ground, developing round, bushy heads which display their flowers at the level of the eyes where they are most effective.

They are exceedingly rare in America and require considerable care to grow them well. They should be planted in carefully prepared ground and be copiously fed with liquid manure throughout the summer, and most carefully protected in the winter.

At the time of planting, a strong stake should be set to each plant and the stem tied firmly to it, especially at the top to prevent it from swaying and loosening itself in the ground. It is best to set the stake on the south side of the plant.

Plant them at salient points in the garden, in the centers of wide beds, in a circle about a pool, along walks to give a formal avenue effect, or let them stand sentinel-like at the entrance to the garden.

This season I can offer the following varieties.

Betty, Mme. Jules Bouche, Killarney Queen, Mrs. Henry Morse, Lady Alice Stanley, Souv. de Claudius Pernet, Eldorado.

My plants are carefully grown on good straight stems. \$3.50 each; \$30 for 10.



Duckham's Delphiniums Exclusively

—were used (with other plants) in these magnificent borders—see photo below—to a winding grass pathway, leading to the residence of a well known Long Island Estate (name omitted by request).

CLIMBING ROSES



Anyone with a square yard of ground at his disposal can have one splendid Climbing Rose upon it; and it is doubtful if he could put the ground to any better use.

They are so various, these Climbing Roses, both in their unparalleled beauty and their easy adaptability to many situations and uses. Use them for covering or screening objectionable objects. Use them for decorative arches, or to cover summer-houses or garden seats. Use them on a trellis at the porch or trained about an entry or a window. Let them clamber along a fence or twine about a pergola, or even make a hedge of them by tying in and clipping back the branches.

Best of all, perhaps, is to grow them as pillars, which takes the least space; and anyone who likes Roses will want to crowd as many of them as he can into his garden. To make a pillar, plant a stout, straight post with the Rose and train the plant straight up to the top, or wind it about the support, keeping it cut off at the top, and the stray shoots tied in or cut off. The second season after planting, the pillar will be a mass of flowers from top to bottom and an object of admiration and delight to everybody.

Montclair, N. J., June 15, 1929.

"I am indeed very glad to let you know that the roses which I purchased from you this spring are doing very well and are all in bud. The plants have grown larger than I have ever seen new plants at this time of year. The columbine which I purchased last autumn had beautiful blooms this month. I can heartily recommend the quality of your plants."

CHOICE HARDY CLIMBING ROSES—Cont'd

Price, \$1.00 each; \$10.00 per dozen; \$75.00 per 100

AMERICAN PILLAR. Unlimited in its vigor, this splendid climber will ascend to 20 feet or more, throw out long stems with enormous sprays of hundreds of large, single, brilliant pink flowers, lit in the centers with large white eyes and great clusters of golden stamens. Abroad, American Pillar has taken first place as the favorite Climbing Rose, and in this country its popularity has no end.

DOROTHY PERKINS. One of the first of the modern Climbing Roses, famous and beautiful old Dorothy is still among the best. Very vigorous in growth, with lovely waxy foliage and great clusters of frilly, shell-pink flowers, tiny but exquisitely shaped, it has a place in the affections of every flower-lover that nothing else can fill. Unequaled for covering arches, trellises, and summer-houses, and useful wherever a rapid-growing screen or cover is needed.

DR. W. VAN FLEET. In spite of the wonderful advances made in the Climbing Roses in recent years, none has yet surpassed this strong-growing old favorite which produces large flowers, similar to the finest Hybrid Teas, in hundreds on its tremendously vigorous canes. The flowers are of the palest possible shade of flesh-pink, with a slightly darker center, and they are likely to acquire deeper color late in the season, as it blooms over a long period and frequently throws a few flowers in late summer and fall. Unquestionably it is the most popular Climbing Rose in the country today.

EMILY GRAY. This is the long-wanted, golden yellow Climbing Rose, with large, beautifully formed flowers and handsome, shining foliage. It is a wonderful and almost unbelievable sight when in full bloom, and people invariably go into ecstasies over it. Unfortunately, it requires winter protection in cold climates, but if it is grown as a pillar it can be easily wrapped with burlap or covered with a few boughs to shelter it through coldest seasons.

EXCELSA. When Crimson Rambler was so much over-planted that it became a nuisance, Excelsa stepped in to replace it with giant clusters of less harshly colored flowers and a more pliant and more adaptable manner of growth. It is easily the best red Climbing Rose of the cluster-flowered type and is strongly recommended.

GARDENIA. Belonging to a group of climbers with larger flowers than any of the foregoing, and of a soft, dainty yellow color in bud and early opened flower, Gardenia has long held first place among the yellow Climbing Roses. It is very vigorous and its foliage is particularly fine.

PAUL'S SCARLET CLIMBER. Not so vigorous as the other climbers, this striking Rose is ideal for growing as a pillar over which it will hang its clusters of large, well-formed shining scarlet flowers in greatest profusion. One of the most spectacular of Roses, it is becoming widely known and tremendously popular.

Watch Hill, Rhode Island, Aug. 4, 1929.

"The climbing roses came this morning, and I am very pleased with the fine plants and with the promptness with which you attended to my order."

CLIMBING ROSES—Cont'd

MARY WALLACE. Queen of the large-flowered, pink clusters, Mary Wallace is regarded as the best of its class. The blooms are very large, cup-like, glowing pink, with a golden undertone, and are borne in clusters at the ends of long stems which are superb for cutting. It is hardy and grows most vigorously.

SILVER MOON. Tremendous vigor and splendid polished foliage characterize this Rose, even without the splendor of its tapering golden white buds and its magnificent, semi-double, saucer-like flowers of purest white, illumined at the center with a giant frill of golden stamens. It is not so hardy as the others, and in the extreme North it should have some protection in winter. It is worth it.

Planting and Pruning Roses

Planting To be successful in growing roses, next to securing good stock is the preparation of the soil. I would advise having the beds or ground where the roses are to be planted thoroughly prepared well in advance of planting time. The preparation of the soil is a simple operation by digging a foot or eighteen inches deep, thoroughly mixing in at the time of digging, plenty of well rotted manure. The addition of a little ground bone will be found beneficial. After the hole is dug, it is advisable to repeat the operation, for then you are sure that the manure is thoroughly mixed with the soil. Immediately upon receipt of your rose plants unpack them in a cool and shady place, sprinkling them with water. If your beds have previously been prepared the sooner the roses are planted in their permanent positions the better. If, however, this has not already been done it is advisable to "heel in" the rose bushes temporarily until they can be placed in their permanent positions. In planting, care should be exercised to make the hole larger than the root-diameter. Fill in with rather fine soil about the roots, using great care to make the soil very firm about them. After planting, thoroughly soak the soil with water to the depth that it has been dug. Should the season be any way dry give thorough soakings at least once a week. After the roses are growing well a mulch consisting of straw-manure or decayed leaves over the ground prevents them from drying out too rapidly and keeps the soil in a much better and humid condition.

Pruning Next in importance to the selection of locality, and the careful preparation of the ground is the pruning of roses; in fact I consider pruning exceedingly important, because without it, you can never get vigorous growth and large blooms.

Visit the garden of any successful amateur rose grower during the latter end of February or early March and note the appearance of the bushes. If it should be a new planting of 2-year bushes the pruned stubs will be scarcely discernible peeping over the litter of manure covering the bed. Older bushes will have all the old wood cut away and the previous year's green growths cut back to within 2 or 3 eyes of the hard wood. Such an inspection will teach more than I can put in pages, and a few minutes' talk with the owner or gardener will indelibly impress upon your mind the object and importance of pruning. Most amateurs are afraid to use the knife or shears vigorously, and many of the fairer sex class an expert operator among criminals.

A conception of the principle of pruning may be gathered by comparing the sap in a rose shoot to a slowly moving river; it continues its tranquil course along the lines of least resistance. Cutting this shoot or damming the river creates an accumulation of energy at that point that eventually overflows with extraordinary force, bursting forth into as many shoots or rivulets as are necessary to carry off this surplus sap or water. Hence we get 3 or 4 vigorous growths, each carrying a flower on a long strong stem, from the sap that would otherwise have wasted its energy in nourishing one old worn out shoot. Pruning should be done in February or early March. Cut away all old wood (always particularly noticeable in the Rambler class), shorten all the young growths to from 2 to 3 eyes. Don't be as severe with those of vigorous constitution as those of more stunted growth. By careful observation and a little practice you will soon become an adept at getting the best out of your roses.



My Exhibit of Hybrid Delphiniums at New York International Flower Show, March 1928. Remarkable for the size and perfection shown in these forced flowers. (See pp. 15 to 20.)

Arranging and Planting the Hardy Flower Border

Every group or border of Perennial plants should be planted according to some prearranged scheme and with a definite object in view. A rough plan should always be made and the different varieties located in their proper places, keeping in mind the height and color of each. It is desirable to place hardy borders where a background of dwarf trees or shrubs aids in setting off the beauty of the flowering plants.

If such is not available, a vine covered fence or wall answers very well, though a special planting of dwarf evergreens and flowering shrubs is comparatively inexpensive, easily accomplished and will amply repay for the little extra trouble involved.

Preparing the Ground.—The ground should be spaded over to a depth of from eight to ten inches—if virgin soil, turn the sods under where they will rot and form a good fibrous loamy foundation for the border. Spread well-rotted manure over the bed after the first spading, and mix it thoroughly through the top 4 or 5 inches. Slaked lime is a valuable aid to the development of young roots on the growing plants and helps to purify the soil.

Planting.—A scoop trowel is the most practical tool to use. Lay the plants in their respective positions according to your prearranged plan—keep the taller growing varieties to the rear of the border, selecting varieties of lower stature as you proceed to the front. The distance apart depends upon the height.

Color and height must always be considered and careful thought given to contrasts and harmonious blending, thus avoiding later lifting and regrouping.

Every perennial border should receive a light covering of dry litter, such as grass clippings, leaves, or strawy manure after the first severe frost has nipped everything down in the late Autumn. A light covering of rotten manure previously laid over and around the plants is also desirable; this can be turned under with a fork in the Spring.

Falmouth, Maine, Sept. 12, 1929.

"Just a line to advise you that the delphiniums I purchased from you have been of the greatest beauty."

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Business Terms and Shipping Instructions

To Insure early deliveries of Roses and Hardy Plants, and to avoid disappointments. It is necessary to order early.

Payments. Cash or satisfactory references required from all correspondents unknown to me.

Plants by Parcel Post. If to be sent by parcel post, add postage as follows: Single plants, 5 cts.; 3 plants, 10 cts.; 6 plants, 15 cts.; 12 plants, 25 cts. I accept no responsibility for delays or conditions that may prove injurious to the contents.

Plants by Express. I recommend this mode of transit for more than 18 or 24 plants. All orders are carefully packed by expert hands, but I accept no responsibility for delays over which I have no control that may cause injury to the contents. I can make no adjustments unless complaints are made within five days after receipt of goods. Always state how you wish your order shipped, **express or parcel post.**

Responsibility. Although exercising the utmost care in packing and routing orders, I cannot be responsible for damage due

to the negligence or rough handling of common carriers. If the container appears damaged on arrival, sign for it as damaged and make claim on the express company. If considerable delay in transit would indicate fatal damage to contents, refuse delivery.

I guarantee my stock to be extra strong, but assume no responsibility after shipment has been made. I also wish to emphasize the fact that all roses and plants I send out are vigorous, healthy and true to name.

All shipments should be opened and unpacked immediately on arrival; if dry, the plants should be watered and planted as soon as possible.

Substitution. In ordering, kindly give a second choice, if possible, as many varieties are sold out as the planting season progresses.

In the event that I should be sold out of any variety ordered, I will substitute the nearest variety of equally good stock and similar color, unless the order is marked "No Substitution."

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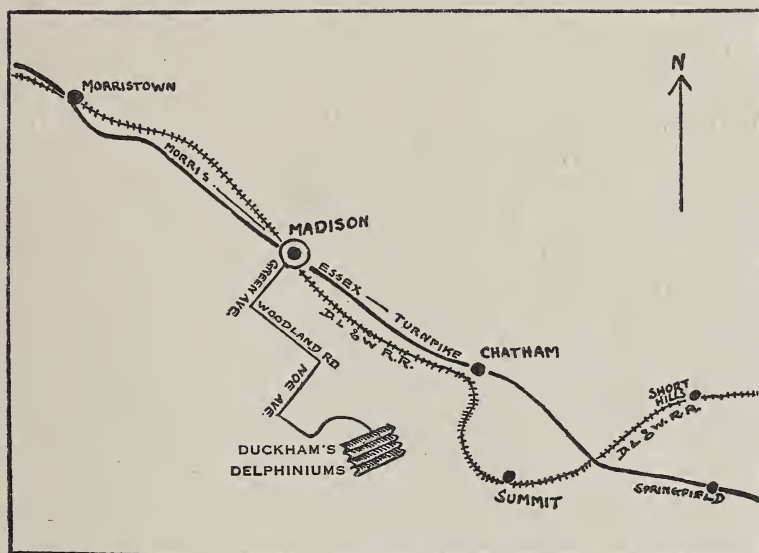
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The above map shows location of Duckham's Greenhouses and Trial Grounds, situated on Noe Avenue, Madison, N. J. An invitation is extended to all my friends to visit my grounds during the summer months, when Delphiniums and other hardy plants are in bloom.

